

SEPTEMBER 2013

Hannibal Amateur Radio Club News

WØMTL — Hannibal Amateur Radio Club News — WØKEM**September 2013****2013 HARC OFFICERS**

PRESIDENT: DON VARY, KDØHHN -- V-PRES: LUAN SANDBERG, KC9PGS
SECRETARY: FRED MILLER, KBØWIL -- TREASURER: LARRY LAUER, WB2UFO
TRUSTEE: CLIFF AHRENS, KØCA
EDITOR: BONNIE SINCLAIR, WBØWAP

NEXT SCHEDULED MEETING:**Wednesday – SEPTEMBER 11, at 7:30 PM**

Beth Haven Pleasant View
641 Euclid Avenue
Hannibal, Mo 63401

Enter at the main entrance, turn left to the elevator. Take the elevator to the second floor, and the club's meeting room is directly across the hallway. See map directions on HARC website.

MONDAY NIGHT WEEKLY NET CALL LIST - SEPTEMBER 2013

2 KDØHHN DON
9 WB2UFO LARRY
16 KØDFW HOWARD
23 WØPGL TONY
30 KB9VIS BRIAN

FCC VE TEST DATES FOR YEAR OF 2013**Hannibal, MO ARC 2013 Exam Dates****October 9th, 2013-- LAST TESTING OF YEAR**

WØMTL

<http://www.w0kem.com> OR <http://www.w0kem.org>

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Exams will take place at 8:30 PM after the regular scheduled HARC meeting. The exam session will be at the Beth Haven Pleasant View, 641 Euclid Avenue Hannibal, Mo 63401. Registration is required at least 72 hours before the exam session by contacting the team liaison, Fred Miller- KBØWIL at kb0wil@arrl.net or 573-221-2429.

The 2013 test fee will be unchanged at \$15.00. It goes to ARRL/VEC. Bring a photo ID (or two non-photo ID's); if currently licensed, bring the original and a photocopy of your valid FCC license; and if you are claiming credit for successful completion of an exam, bring the original and photocopy of any applicable CSCE's.

HARC CLUB DUES:

HARC annual dues are due each January. The dues are very important and are needed to keep repeaters up and running, plus other expenses of the club. The yearly dues fee is \$20.00 per member, & \$5.00 for each additional family member. You can pay at club meetings, or send the money to HARC, P.O. Box 1522 Hannibal Mo, 63401. Thanks!!

FROM THE SECRETARY'S DESK BY FRED MILLER KBØWIL



HANNIBAL AMATEUR RADIO CLUB MINUTES

Date: August 14th, 2013

Location: Beth Haven Pleasant View 641 Euclid Hannibal Mo 63401

Previous meeting minutes: July 10th, 2013

Motion to approve: Oral-KØUBR Seconded by: Robert-KB9ZEP

Treasurers Report: Larry-WB2UFO

Cash: \$1,336.41 CD: \$1,315.37 Total balance: \$2,651.78

Motion to approve: Carol-WA9EFV Seconded by: Mel-KCØHYY

Repeater Report: Fred-KBØWIL

The 146.625 and 146.880 repeaters are working as intended.

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ARRL Membership: If you're a member of the ARRL, and renew your membership through the club, we receive a small portion of your renewal fee. If interested, contact Fred-KBØWIL. **Thank you** to the members who have renewed through the club already. If you're not an ARRL member, please consider joining, we need the ARRL to make sure we don't lose any of the amateur radio spectrum.

Field Day 2014 Update: We discussed having Field Day 2014 at the Marion County Health Department, with Steve St Clair-KD0UVU, at the July meeting. Steve received permission to have Field Day 2014, at the MCHD on Route 'W' here in Hannibal. So, it looks like we will be set up there next year.

Quincy Hamfest 2013 Update: The Quincy Hamfest was Saturday August 10th, 2013. They had good weather, and a good crowd this year, if you didn't go, you missed a nice hamfest.

Redneck Retreat Event: Sunday August 11th, 2013 . Carol-WA9EFV is having another of his great Redneck Retreat events. Please come on over, Nancy needs all the help she can get in keeping Carol in line. Of course that's near impossible, but maybe the more of us who are there, can watch Carol to help give Nancy a break ! Note: Nancy is still in charge, so don't forget it! Please don't ask Carol any questions, as the answers will most likely be wrong, or made up, ad libbed, etc.

Update: The weather was excellent this year, and all the food everyone carried in was even better. I wanted to say, thank you to Nancy and Carol, for there hospitality having the whole bunch of us there year after year. Don't forget: Nancy is still in charge!

HARC Barbeque 2013: (Saturday) September 14th, 2013

We will be having the barbeque, this year at Huckleberry Park. Fred -KBØWIL reserved the pavilion. We are planning on eating at 5:00 PM. Everyone is to bring, a carry in dish of some sort, chips, salads, cookies, vegetables, etc. and there own silverware. The club is cooking hamburgers, and hot dogs. The barbeque is for HARC members and there families only.

Raffle: We raffled off a New BAOFENG-UV5R- VHF-UHF HT tonight. The winner was Don-KDØHHN. The club wants to thank, Larry -WB2UFO for preparing this great raffle, and ordering these HT's for us to raffle off, to help make money for the club.

50/50: The 50/50 was won by Oral-KØUBR , and he donated it back to the club. Thanks Oral, the club really appreciates it.

New Member: Stephen St.Clair -KDØUVU joined our great club tonight. Thanks Steve for joining the HARC.

HARC Snacks: The club wants to thank, Larry-WB2UFO for bringing the great chocolate chip cookies to tonight's meeting. To Ann-KB9BAL as well, I imagine she did the baking.

2013 ARRL Midwest Convention, November 8-9, 2013 Lebanon Mo.

The Convention is shaping up to be a tremendous event. As you know the location of the Convention is at the Cowan Civic Center located at Lebanon, Missouri. The vendor and manufacture line-up is outstanding! Premier companies such as ICOM, Heil Sound, RF Concepts (Alpha), WB0W, D and L Antennas, Balum Designs, just to name a few will be attending. In addition, we have a stellar line-up of special guests. Attending will be K1ZZ Dave Summer CEO of ARRL, Cliff Ahrens K0CA Midwest Director, Bob Heil of Heil Sound, Gordan West, Bill Pasternak, Carole

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Perry who will be heading up our youth program, W8JI, K5UR Rick Roderick, W4WT Joe Spear Remote Operations expert, Missouri State Representative Sandy Crawford, just to name a few. Our forum line-up is equally fantastic. We will have forums by K1ZZ for the ARRL Forum, W4WT for remote operation, K5UR for DXing, Gordon West, Bob Heil, Gordon Hardman W0RUN of Alpha, Carole Perry for Youth Activities., along with other technology and Public Service and Emergency Service forums and displays.

We are raising the bar for these types of events. We will NOT be charging to enter and attend the Convention. We will be offering "free" tail-gating outside space for all who want to participate. I hope that you decide to attend this exciting event on November 8-9, 2013 in Lebanon, Missouri. Please mark your calendars and let you clubs know!

73,

Ron Lowrance, K4SX

<k4sx@centurytel.net>

Co-Chair, 2013 ARRL Midwest Convention

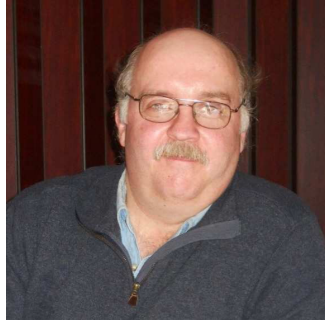
Assistant Director, ARRL Midwest Division

<http://www.arrlmidwestconvention.com/>Number of members present: 14Number of guests: 1Total Present: 15**Fred-KBØWIL HARC-Secretary***** ARRL Assistant Director Midwest Division***

SEPTEMBER BIRTHDAY WISHES!**Happy Birthday!**

“Now may the Lord of Peace himself give you peace at all times and in every way. The Lord be with all of you.” (2 Thessalonians 3:16)

FROM THE PRESIDENT'S DESK
BY DON VARY KDØHHN



On August 2nd and 7th, I attended meetings sponsored by the Marion County Health Department and Marion County/City of Hannibal Emergency Management Agency to discuss operations in the storm of May 20th, 2013. The main focus of both meetings was to look at what happened during the storm, how the different agencies involved functioned, along with any problems that might have occurred, how they were handled, and what might be done differently the next time.

Both meetings had representatives from all city agencies, several county agencies, as well as the Salvation Army, Red Cross, Hannibal Regional Hospital, Amateur Radio, and others.

One of the problems, and perhaps the main one voiced by many participants, and perhaps the main one that was discussed by a majority of the participants, was communications. From the City Police losing both of their repeaters and only being able to use car to car simplex, to some people wanting to know why they were not hearing anything on the local TV or radio stations about what was going on, communications seemed to be an issue. Another communications problem involved the Emergency Operations Center (EOC). After the storm passed, John Hark went over to activate the EOC for damage reports and recovery operations, and he found that the storm had brought down the radio tower with all of the antennas, including the Amateur Radio ones. The tower also came down across electrical lines and shorted out the emergency generator. As a result, the EOC was moved up to the 911 center. It was also mentioned that a lot of people were having trouble making cell phone calls around the 3rd day of the event. It was pointed out that unless the cell phone towers have a back-up generator, the battery bank at the tower site will usually only last about 72 hours before they start to go dead, but a person would still be able to text message for some period of time after voice communications stop.

Also some comments were made that people had signed up under the Code RED system but never received and calls from it. Mike Hall showed the logs from Code RED that over 1700 calls went out during the storm and after as well. It was also pointed out that if your land line phone was a cordless phone, you would not have received the messages, because when the power went, your phone would go also. It was suggested that everyone should have an older model touch-tone corded phone to hook up when the power goes out, that way you still have a viable phone line to use and receive messages, as long as the lines are still up.

The use of social media was also discussed in the meetings. Mike Hall pointed out that the Hannibal BPW was using their Facebook® page to update people on the status of their power restoration efforts. The only downside to this was if you didn't have internet capability, then you wouldn't know this. It was also mentioned that information was given out to TV and radio stations, but when something like this happens, you might have to try for radio stations in Kirksville, Monroe City, or farther to find out information because the local stations may be off the air.

When it came to my turn, I reported that we had activated our weather net and were making reports to NWS St. Louis and to John Hark, and that the net was closed down after it was determined that no further storms were expected that night. John said that in a future event such as this, he would want someone from

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Amateur Radio at the EOC and would be working to have a backup radio at 911, if that had to function as EOC again. John mentioned that he was looking at reestablishing a CERT program, as they would have been a good asset to have checking houses for damage, etc. He also stressed that anyone who wants to be involved in emergency situations like this, should take the NIMS courses through FEMA. NIMS is the acronym for **National Incident Management System** (the old Incident Command System) and is offered online through FEMA. It is recommended that IS-100, 200, 300(possibly), 700 and 800 be taken. If you don't have internet yourself, there may be a way to complete the courses then send the tests to FEMA. John also told everyone present that the EOC would automatically activate if Hannibal had a 5.5 or greater earthquake, severe flooding, or a severe storm, such as the one on the 20th.

The Police and Fire Chiefs both stated that they felt that Hannibal had "dodged the bullet" for many years and that this storm was a wake-up call for their departments, and should be for the population of Hannibal and the surrounding areas. Mike Hall and myself also reiterated these comments, and mentioned that the citizens of the area need to start preparing and taking care of themselves, because when a situation like this occurs again, we may be on our own for a while. John and Mike both said that they have tried to get as many people as possible signed up for the Code RED program, but there are only about 2000 or so in the entire county who have signed up. It is hoped that this storm might encourage more people to sign up for the program, and thereby offering a chance to get the information needed when it counts. For anyone who might be interested in signing up for the program, contact Mike Hall at Marion County 911 or John Hark. Hopefully this might even get some people interested not only in the CERT program, but Amateur Radio as well. I'll keep everyone informed as I know more.

73 Don

Donald Vary KD0HHN
Emergency Coordinator - Marion County
ARES® Missouri Section
Amateur **R**adio **E**mergency **S**ervice®
ARRL Field Instructor & Examiner
PH# 573-221-8205
email: kd0hnhn@hotmail.com



THE VICE PRESIDENT OF HARC

LUAN SANDBERG, KC9PGS

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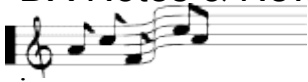
The Breakfast Club Picnic of Year 2014, will be moving to Indiana. Be sure to listen to the radio, and watch the newsletter, and read all about it for next July.

DX News and Notes, SEPTEMBER 2013

by Mike Nowack na9q



DX Notes & News



DX Notes:

Well Cycle 24 is proving to be quite a surprise. Whether or not we are going to see a double peak in this cycles' activity level remains to be seen but in the meantime 'ol Sol is putting on a good show. Just this past week there have been three major coronal mass ejection events (CME's) each resulting in major geomagnetic disturbances that resulted in propagation disturbances. Although we may be just past the cycle peak or between dual peaks, mother nature is making things interesting. The good news is that following each disturbance the resulting poor conditions, there is usually a period of enhanced conditions and those periods can be quite interesting. One night this past week, a few hours following a period of poor conditions, I was tuning around and there were signals coming in from many parts of the world simultaneously. I was hearing stations from SE Asia at the same time as the E4 operation from Palestine. Come the months when we hit the bottom between cycles 24 and 25 we will look longingly back at these good times. As always the phrase 'Work 'em first and worry later' applies here too. Don't pass up the opportunity to work a new one just because the bands might be noisy, the pile up large, or signal levels are low and you might have to work a bit to dig the DX station out of the noise. You never know when he will be on again, if ever.

All of the solar activity is coming at a good time as we move toward the start of the fall 2013 DX and contest season. The CQ WWDX tests are a few weeks away but now is the time to prepare for them as well as those which follow later in the year. Antenna work, ground system maintenance and coaxial line inspections are done much easier in good weather than in bad. Poor or corroded ground connections, badly weathered coaxial lines, loose or corroded antenna clamps and hardware can easily produce higher VSWR levels, unnecessarily introduce outside noise and cause loss of both transmit and receive signal levels. Also, check for weak or loose tie downs. A wrap of black tape will hold a coax to a tower leg for year or so but eventually the tape will weaken, unwrap and leave the line flapping in the wind. Black IR resistant cable ties are much better but even these are not permanent and will need attention periodically. Dipoles and other wire antennas require stout cords for support and even the best black IR resistant cord will eventually fail. It is easier to replace that old parachute cord now than in a snow storm next January.

DX News:

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Malta – 9H. Rich/KE1B and Anna/W6NN will be active as 9H3MMM and 9H3NN, respectively from Gozo Island (EU-023) between August 21-26th. Activity will be holiday style on 40-10 meters, including 30/17/12m and using CW, SSB and RTTY. All logs will be uploaded to LoTW and eQSL after the DXpedition (late August 2013).

Malta – 9H. Orazio, IT9DBF, will be active as 9H3BF on Malta September 2-6th. Activity will be on 20 meters using a Yaesu FT-897D powered by a solar panel and battery. QSL via IT9DBF direct or eQSL via his main callsign.

Malta – 9H. DD1AY, will once again be active as 9H3GK from the Dolmen Hotel on Malta between November 13th and December 4th. Activity will be on the HF bands using mainly SSB. His equipment is a FT-100 into MFJ Tuner and DX-Wire vertical antenna. QSL via his home callsign direct.

Nepal - 9N. Satish, 9N1AA has been heard in the US on 20 meters around 0100z and 15 meters around 0730z. QSL via N4AA.

West Malaysia – 9M2. VK6DXI, will be active as 9M8DX/2 from Kuala Lumpur between August 18th and September 3rd. Activity will be limited but he will operate after "working hours" on CW during his local evening hours. QSL via SP5UAF.

Bahrain - A9. David, A92IO is generally active on 30 meters between 0130 and 0300. He is also active on other HF bands including 60 meters. QSL via operator's instructions.

Mozambique – C8. An international team will be active as C82DX from Xai Xai between October 15-22nd. Operators' list includes K1MM, N1DG, N4XP, K6TD, NF4A, N9JA, W6OAT, W6OSP, ZS6P, ZS6PJH and ZS6RI. Activity will be on 160-10 meters using CW, SSB and RTTY. QSL via the OQRS by ClubLog to receive a QSL. Or QSL direct via to: C82DX, Box 333, Bethlehem,

Juan Fernandez - CE0. Mario is active as CE0ZEL and is on the island for six months. Activity is as time permits. QSL via CE3RAC.

Palestine - E4. Peri, HB9IQB is active as E44PM from Bethlehem until August 31. Activity is on the HF bands as well as on 6 meters. QSL to home call.

Niue - E6. Adam, K7ST is now active as E6ST. His length of stay is unknown at this time. Activity is generally on 40, 20, 17 and 15 meters using SSB. QSL via EA5GL.

French Polynesia - FO. F5LCI is now operating as FO/F5LCI from Hao Atoll, Tuamotu until November 8 while stationed there with the local military unit. He is active on 40 to 10 meters using low power on CW and JT65-JT9. QSL direct to home call.

Galapagos Islands - HC8. G8OFQ is currently on the air as HC8/G8OFQ from Isabella Island until the end of September. Activity is on 40 to 10 meters generally around 2200z and 0600z weekdays and at other times on weekends. QSL to home call.

Bangladesh - S2. Rana, S21R will be active from Dhaka for the next month and has been heard on several of the HF bands. QSL via N4VA.

Dodecanese - SV5. Hans, ON6ZK is active as SV5/ON6ZK/p from the island of Kos until August 30 while on holiday so operating times are varied. Activity is on 20 meters using CW and SSB. QSL to home call.

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Cote d'Ivoire - TU. Dimitri, TU5DF will be on the air until October 31 and has been active on 15 meters using CW around 1330z. QSL via F5SWB.

Indonesia - YB. Adhi, YB3MM will be QRV as YB3MM/p from Bawean Island on August 24 and 25, weather-permitting. Activity will be on 20 and 15 meters. QSL via IZ8CCW.

That is it for this month and, as usual, credit goes to the ARRL DX Bulletin, The Ohio-Penn DX Bulletin and the 425 DX News for much of the above information.

Until next month, good DX, Mike NA9Q

FROM THE TREASURER'S DESK BY LARRY LAUER WB2UFO



Hamfest season is upon us. The anticipation and delight is almost as strong as that Christmas Eve excitement that I remember as a child

At my first hamfest back in the mid 60's, I was amazed to see the abundance of World War Two equipment, and how many of the hams got their start with former military gear. I wondered even then what I would see fifty years later. I would not have believed that I would still be seeing piles of WW II equipment, but now it sits beside old IBM, Commodore and TRS-80 computers, as well as newer transceivers and modern power supplies.

But among this miscellany, you will also find that connector or relay that you have been looking for. You might find that used (but new to you) rig you can now afford, the one you dreamed about when you first earned your ticket. You will also find friends you may not have seen since the last hamfest you attended.

Maybe I'll see you at the next hamfest and we can reminisce about old rigs and old qso's over a burger and Coke. Or at least a doughnut and coffee!

See you there, Larry, WB2UFO

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UPCOMING HAMFESTS:**24TH ANNUAL JOPLIN HAMFEST****FRIDAY (3 PM – 9 PM) & SATURDAY (8 AM – 2 PM), AUGUST 23-24, 2013****SEE: <http://www.joplin-arc.org> for more information**

PRAY FOR OUR TROOPS!!!

FOR SALE:

- KPC-3,--\$100.00
- Astron SS30 Pwr Supply – \$75.00
- Vertex UHF HT (VX-230)with charger \$125
- Kenwood TS-450S, Manual -- \$450.00
- Kenwood MC60A -- \$75.00
- Icom 746 Pro with PS-125 Power Supply, Manual -- \$950.00
- Icom SM-20 Desk Mic \$100
- LDG AT-100 PRO \$125.00
- DV Dongle NIB --\$185.00

All items in Mint condition and shipped lower 48

If interested contact Ron-AA9GL 217-257-3118

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